Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 31 Mar 2022 until 23:59 on Friday 01 Apr 2022

Forecast Issued on Wednesday 30 Mar 2022 at 15:00

Confidence: High for cold and showery start, medium for detail and timing of rain spreading from the northwest later Sunday, then low for developments thereafter.

Headline for Thursday 31 Mar 2022: Snow showers and bitterly cold at height.

Mountain weather hazards on Thursday 31 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Light snow showers (night)	Light snow showers (night)	Light snow showers	Light snow showers	Heavy snow showers	Light snow showers	Partly cloudy (night)
Precipitation probability							
40%	40%	30%	30%	40%	50%	30%	20%

Forecast for Thursday 31 Mar 2022

Weather: Clear spells and snow showers throughout, with outbreaks most frequent and heavier through the afternoon, bringing the risk of hail and thunder for a time. Showers dwindling through the evening.

Chance of cloud-free hill tops above 600m: 90% for any given time, but much lower for extended clear spells given the showery nature of the flow.

Low cloud and visibility: Good or very good, becoming moderate to very poor in snow showers, only a few metres within cloud with bases lowering 450-600m as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 31 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 NE	20/27 NE	23/30 NE	22/31 NE	20/29 NE	20/28 NE	19/27 N	18/25 N	17/24 N
300	11/17 NE	12/18 NE	15/24 NE	22/32 NE	19/28 NE	16/24 NE	15/23 N	12/20 N	10/17 NW
Valley	8/17 NE	8/20 NE	12/29 NE	16/31 NE	13/27 NE	13/26 NE	12/25 N	9/22 N	7/18 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-3/-11	-4/-12	-3/-11	-1/-8	-1/-8	-2/-9	-3/-10	-3/-10
300	-1/-6	-1/-6	-1/-7	0/-6	2/-4	2/-3	1/-4	0/-5	-0/-5
Valley	0/-4	-0/-4	-0/-6	2/-4	3/-2	4/0	2/-2	0/-4	-0/-4
Freezing Level*	100m	100m	00m	100m	200m	300m	300m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Mar 2022	1.4mm	1.4mm	1.4mm

Forecast for Friday 01 Apr 2022

Weather: Mainly dry and occasionally bright through the morning and early afternoon. Band of showery rain and summit snow reaching from the north during the evening.

Maximum wind: North or northeast mean 15-20mph at first with gusts reaching 30mph, soon easing.

Chance of cloud-free hill tops above 600m: 95% plus, becoming 75% later in the day.

Low cloud and visibility: Good or very good, becoming moderate to very poor in later showers, only a few metres within cloud with bases occasionally lowering 450-600m in later showers.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 7 Celsius during the afternoon
At 600m: Minus 1-3 Celsius
Freezing level: Around 400m by day

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